

South Carolina

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	4,143	453,928	29	Total R&D performance, 1995 (millions)	\$996	\$177,210	31
Doctoral engineers, 1995	772	86,738	31	Industry R&D, 1995 (millions)	\$739	\$130,332	30
S&E doctorates awarded, 1996	242	27,230	32	Academic R&D, 1996 (millions)	\$218	\$22,481	28
of which, in life sciences	30%	25%		of which, in life sciences	53%	56%	
in engineering	21%	23%		in engineering	20%	16%	
in social sciences	19%	15%		in physical sciences	7%	10%	
S&E postdoctorates, 1996	226	37,019	30	Higher education current-fund expenditures, 1995 (millions)	\$2,151	\$182,602	27
S&E graduate students, 1996	4,066	430,631	32	Number of SBIR awards, 1990-1997	32	31,155	44
in doctorate-granting institutions				Patents issued to state residents, 1997	430	61,699	28
Population, 1997 (000s)	3,760	271,464	27	Gross state product, 1996 (billions)	\$89.5	\$7,677.4	27
Civilian labor force, 1997 (000s)	1,913	137,564	26	of which, agriculture	1%	2%	
Personal income per capita, 1997	\$20,755	\$25,598	40	manufacturing, mining, construction	31%	23%	
Federal spending				transportation, communication, utilities	8%	8%	
Total expenditures, 1997 (millions)	\$18,815	\$1,405,060	27	wholesale and retail trade	16%	16%	
R&D obligations, 1996 (millions)	\$187	\$66,087	38	finance, insurance, real estate	13%	19%	
				services	15%	20%	
				government	15%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	187,060	36,687	34,289	45,624	63,763	3,697	3,000	38
Department of Agriculture	14,083	8,096	0	0	5,987	0	0	34
Department of Commerce	18,280	9,745	0	6,459	1,652	340	84	17
Department of Defense	63,186	16,003	310	37,350	7,659	1,864	0	32
Department of Energy	41,094	0	33,979	0	6,026	1,089	0	18
Dept. of Health & Human Services	36,346	4	0	1,351	32,900	174	1,917	35
Department of Interior	3,112	2,839	0	56	117	0	100	39
Department of Transportation	686	0	0	0	23	0	663	43
Environmental Protection Agency	365	0	0	70	295	0	0	37
Nat'l Aeronautics & Space Admin.	2,219	0	0	18	1,789	206	206	40
National Science Foundation	7,689	0	0	320	7,315	24	30	42
State rank	38	36	13	36	33	38	17	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable